

‘Ike Ea: Energy Independence
Sustainable Solutions for a New Nation

Workshop Schedule and Locations

Monday, March 8, 2004

6:00 pm – 10:00 pm

Queen Lili’uokalani Children’s Center, 87-1876 Farrington Hwy, Nanakuli, O’ahu

Tuesday, March 9, 2004

5:30 pm – 9:30 pm

Maui Community College Science Building 12A, 310 Kaahumanu Hwy., Kahului, Maui

Wednesday, March 10, 2004

6:30 pm – 10:00 pm

Queen Lili’uokalani Children’s Center, 919 Ululani St., Hilo, Hawai’i

Thursday, March 11, 2004

5:30 pm – 9:30 pm

Queen Lili’uokalani Children’s Center, Kamehameha V Hwy., Kaunakakai, Moloka’i

Friday, March 12, 2004

5:30pm – 9:30pm

Island School, 3-1875 Kaumualii Hwy., Lihu’e, Kaua’i

Agenda

1. Welcome by local community leaders with an extended reflection on community needs, pule
2. Introductions:
Gay Chung, CPCU, ARM, ASLI Consultant- Makani o Ka’ū Windpower Risk Financing & Risk Management
Sandra Begay-Campbell, MS – Structural Engineering, Sandia National Laboratories, Albuquerque, NM
David Melton – Sacred Power Corporation, Albuquerque, NM
Kealoha Peltier – Rancher and Renewable Energy Advocate, Moloka’i
Warren Bollmeier – President Hawai’i Renewable Energy Association, Kaneohe, O’ahu
Robert “Bob” Gough, Secretary - Intertribal COUP, Council on Utility Policy, Boulder, CO
3. Gay Chung
- ‘Ike Ea: Energy Independence – the Vision
4. Sandra Begay-Campbell
- The Solar Way – Empowerment for Native Americans
- Community-based Power and Off-grid Applications

- Passive Power – Micro-enterprise
- 5. David Melton
 - Sacred Power Corporation - Providing Renewable and Distributive Energy and Telecommunications Solutions to Tribes in the Southwest
 - Solar/wind Hybrid Manufacturing
 - A Joint Venture Proposal
- 6. Warren Bollmeier
 - Renewable Energy in Hawai'i Summary
 - Validation of Hawai'i Wind Maps
 - Village Power Systems
 - Renewable Energy Resources and Assessment
 - Summary of Hawaii State Legislative Renewable Energy Initiatives
- 7. Kealoha Peltier
 - Moloka'i Story
 - Wind Energy Applications & Technology Symposium 2003
- 8. Bob Gough
 - Wind Powering Native America
 - Native American Wind Applications and Projects
 - Policy Issues, Green Credits
 - Project Funding
- 9. Gay Chung
 - Funding Opportunities for Energy Efficiency, Renewable Energy and the Environment
 - Discussion of Possible Hawaiian Projects/Next Steps
- 10. Q&A
- 11. Closing pule/mele

BIOS

Gay Catherine Chung is an independent consultant specializing in windpower and renewable energy risk financing and risk management.

She has over 15 years in the commercial insurance industry; including over 10 years as a senior risk management and risk financing consultant with both Marsh, Incorporated and Aon Corporation, the two largest international insurance broking and risk management consulting firms in the world.

Her most recent responsibilities included management of Aon Zurich office's Global Client (Fortune 1000) Group where she worked extensively with wind energy project developers, turbine manufacturers, government export credit funds, venture capitalists and financial

institutions to fund, develop and finance the risks of large wind energy projects in Western and Southern Europe and North America.

Her technical expertise includes experience with the enterprise risk management process of holistic evaluation and treatment of the broad spectrum of a project's or corporation's risks. She has also structured risk transfer portfolios in the financial and insurance markets, allowing liabilities to be removed from balance sheets and strengthening the creditworthiness of her clients. She is well-versed in credit enhancement products, alternative risk financing methods and warranty coverage for windpower projects.

Ms. Chung, born and raised in Hawai'i, honors her Kanaka Maoli (Native Hawaiian) and naturalized ancestors by supporting an independent and sovereign nation of Hawai'i. In her native Hawai'i she is working pro bono on both the strategic and grassroots levels to support rural communities' goals for sustainable living combining traditional Hawaiian ahupua'a management and renewable energy technologies. She currently lives and works in Oakland, California.

Sandra Begay-Campbell is a member of the Navajo Nation and Regent for the University of New Mexico and works at Sandia National Laboratories where she is a Principal Member of the Technical Staff. Sandra leads Sandia's technical efforts in the Renewable Energy Program to assist tribes with renewable energy development.

Sandra is the former executive director of the American Indian Science and Engineering Society (AISES), a non-profit organization whose mission is to increase the number of American Indian scientists and engineers.

In 1987, Sandra received a Bachelor of Science - Civil Engineering degree from the University of New Mexico. She worked at Lawrence Livermore National Laboratories before she earned a Master of Science - Structural Engineering degree from Stanford University and she also worked at Los Alamos National Laboratory.

Sandra served on the national Board of Directors for Women in Engineering Programs & Advocates Network (WEPAN). In 2000, Sandra was a recipient of Stanford University 2000 Multicultural Alumni of the Year Award and she was also selected as a recipient of the Governor's Award for Outstanding Women from the New Mexico Commission on the Status of Women. In September, Sandra was awarded the 2003 Women of Color Emerald Honor for Community Service during the Third Annual Women of Color Research Sciences and Technologies Awards Conference.

David S. Melton, a Laguna Tribal member and principal of Sacred Power, is an experienced program/contract manager with over fifteen (15) year's experience working with high-tech industry. Mr. Melton received his B.A. in Economics from the University of New Mexico in 1986 and has over 30 hours of graduate study from UNM's School of Public Administration. Mr. Melton is the elected chairman of the Laguna Colony of Albuquerque for 2001-2002, a Tribal communication support group for Laguna's in the metropolitan area. Mr. Melton has also been appointed to the Pueblo of Laguna Utility Authority Board representing his home village of Pagueate. Mr. Melton was also elected

vice-chair of the newly created Rebuild Central New Mexico, the local energy efficiency support organization sponsored by U.S. Department of Energy.

Mr. Melton was awarded the first Annual American Indian Entrepreneurial Leadership Award from the UNM Anderson School of Management's American Indian Business Association in May 2001. In addition, Mr. Melton is a member of the NM Solar Industry Association, the NM Solar Energy Association, the Interagency Advanced Power Group, and Leadership Albuquerque Alumni Association.

Warren Bollmeier was trained and served his country for over 7 years as an Aeronautical-Mechanical Engineer. After his honorable discharge from the Air Force in 1977, Warren has been a renewable guy.

From 1977 through 1989, he worked at what is now the National Renewable Energy Laboratory, first on the wind program and then later on biomass. He helped advance the state of the art in the design of new wind turbines and demonstrate their application in windfarms and at remote sites with photovoltaics and conventional diesel generators.

Joining the Pacific Center for High Technology Research (PICHTR) in 1990, he expanded his research and development expertise to biomass gasification, wind and pumped hydro storage and integrated resource planning. After leaving PICHTR in 1995, Warren helped found the Hawaii Renewable Energy Association (HREA), as an advocacy group in Hawaii for renewables.

Today, Warren wears two hats, one as President of HREA, and the second, as an independent consultant in renewable energy. With HREA, he has helped promote the continuation of our state's renewable energy tax credits, and the establishment of net energy metering and renewable portfolio standards, as well as leading HREA's intervention in key dockets at the Public Utility Commission.

As a consultant, he has helped develop new windfarms in Hawaii, and to promote new solar technologies. Finally, he is constantly looking for ways to help communities become more renewable.

Robert Gough is an attorney with graduate degrees in sociology and cultural anthropology, specializing in cultural ecology. He has worked with Indian Tribes on cultural and natural resource issues over the past twenty years. In 1997, Gough was the Indian Law Fellow at the University of South Dakota, Vermillion, SD, specializing in research on energy and telecommunications utilities and tribal jurisdiction. In 2000, he was the El Paso Energy Research Fellow at the Natural Resources Law Center, University of Colorado, Boulder, CO, working on technical and policy issues involved in connecting reservation based renewable generation onto the federal grid.

Gough was the first Director of the Rosebud Sioux Tribal Utility Commission, and presently serves as a consulting attorney to that commission. He participated in negotiations with the Western Area Power Administration for allocations of federal hydroelectric power to the MniSose Intertribal Water Rights Coalition of Tribes in the Missouri River basin. He currently serves as a Rosebud Sioux Tribe delegate to, and the

Secretary of, the Intertribal Council On Utility Policy, an organization created to provide information on rights and resources for utility services on tribal lands with respect to regulatory authority, legislation, policy, and economic opportunity through partnerships in telecommunications and energy development. Intertribal COUP is composed of federally recognized Indian tribes in North and South Dakota and Nebraska, with affiliates throughout the Great Plains. He is currently heading up the Energy Independence Day campaign which partners Indian Tribes interested in renewable energy development with ICLEI- Local Governments for Sustainability Cities for Climate Protection.

Mr. Gough presently contracts with the DOE - Wind Powering America program at the National Renewable Energy Laboratory working on the Wind Powering Native American Initiative, and maintains a private practice in indigenous rights.

News Release

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Date: February 26, 2004

Renewable energy development representatives from the Diné (Navajo) Nation and Laguna Tribe - Sandia National Laboratories and National Renewable Energy Laboratory's Windpowering Native America, Moloka'i renewable energy advocate Kealoha Peltier, Warren Bollmeier, local independent renewable energy consultant and President of Hawai'i Renewable Energy Association and independent consultant Gay Chung will hold workshops for understanding and exploring renewable energy resources and opportunities within Native Hawaiian Communities.

Wind power and other renewable energy sources can lead to economic and environmental benefits, including: micro-enterprise and economic development opportunities, annual payments to landowners from land leases for wind projects, on-site use of wind power to cut power bills, ownership in new generation projects, and alleviating environmental impacts of conventional power generation on Hawaiian rural communities.

The workshops are intended to serve as a foundation for building a local knowledge base and to support local champions of renewable energy. The goal is to encourage cooperation and knowledge sharing to add to our collective understanding and enhance economies of scale in the development and funding arenas.

The workshops are free and are also open to the general public. Please call Gay Chung 510.760.8864 for further information.

Speakers:

Sandra Begay-Campbell, MS-Structural Engineering, Sandia National Laboratories Renewable Energy Programs, Albuquerque, NM
David Melton, Principal - Sacred Power Corporation, Albuquerque, NM
Warren Bollmeier, President - Hawai'i Renewable Energy Association
Kealoha Peltier, Rancher, Ho'olehua, Moloka'i
Robert Gough, Secretary - Intertribal COUP, Council on Utility Policy
Gay Chung, PCU, ARM, ASLI Consultant - Makani o Ka'u Windpower Risk Financing & Risk Management

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